Research on Vedic Mathematics Methods and Elementary Vedic Mathematics Methods

2249. SHRI SHANKER SINH VAGHELA: Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) whether the Ahmedabad workshop of Rashtriya Ved Vidya Pratishthan has recommended that the Vedic Mathematics Methods are convincingly simple and this has been found true of the 'Elementary Vedic Mathematics Methods' mainly used in the Arithmatical exercises of the pre-primary, primary and middle classes, if so, whether these methods are proposed to be made available to students of lower classes, additionally and optionally; and

(b) whether it has also been found that the application of Vedic Mathematics at higher levels of Mathematics, requires research; if so, whether the University Grants Commission/Universities/Rashtriya Ved Vidya Pratishthan propose to encourage such research projects, indentifying the specific aspects?

THE MINISTER OF STATE IN THE DEPARTMENTS OF EDUCATION AND CULTURE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI L. P. SHAHI): (a) The Ahmedabad Workshop of Rashtriya Veda Vidya Pratishthan found that the Vedic Mathematics Methods are convincingly simple; and that in classes above III there are some difficulties which remain to be resolved. The desirability of making these methods available to students of lower classes "Additionally and Optionally" can be considered only after mathematicians have arrived at clear conclusions in this regard.

(b) The workshop has found that Research and studies on the foundation of Sutras is needed so that proper mathematical footing is given to them. Only after this is done the University Grants Commission, Universities and the Rashtriya Ved Vidya Pratishthan can consider taking up research projects on specific aspects.

Balance Sheets of Indian Institute of Management, Bangalore

2250. SHRI ASHWANI KUMAR: Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) whether it is a fact that Indian Institute of Management (IIM), Bangalore had prepared 3 sets of balance sheets for 1985-86 and 2 sets of balance sheets for 1986-87 and all these balance sheets were approved by the Board of Governors of the Institute, which includes a representative of the Ministry; and

(b) if so, what are the reasons for preparing more than one sets of balance sheets and to what extent these balance sheets in the same head of expenditure are un-realistic?

THE MINISTER OF STATE IN THE DEPARTMENTS OF EDUCATION AND CULTURE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI L. P. SHAHI): (a) and (b) Under the existing arrangement, which is applicable to all autonomous bodies funded by the Department of Education, the Annual Accounts of the Indian Institute of Management, Bangalore, (which include the balance sheet of the Institute) as drawn up by the office of the Institute, are provisionally approved by the Board of Governors for presentation to the auditors appointed by the Central Government under Rule 18, of the rules of Society. After completion of the audit, some of the figures in the balance-sheet undergo a revision in the light of the audit observations. The balance sheet so revised is then certified by audit and formally adopted by the Board of Governors to be presented to the Society and the Central Government for submission to Parliament.

So far as the balance-sheets as on the 31st March, 1986, and 31st March, 1987, are concerned, there was only one final

balance-sheet giving the state of affairs of the Institute on each of the two dates (31st March, 1986 and the 31st March, 1987) duly audited and adopted by the Board. The audit certificate clearly shows that the balance-sheet gives a true and fair view of the state of affairs of the Institute on the two dates. There is, therefore, no question of the figures in the balance-sheet under any head of account being unrealistic.

Amount spent under Inter-State or Economic Importance Roads Scheme

2251. DR. YELAMANCHILI SIVAJI: Will the Minister of SURFACE TRANSPORT be pleased to state what amount was spent under inter-State or Economic Importance Roads Schemes in different States during the last five years yearwise and Statewise?

THE MINISTER OF STATE OF THE MINISTRY OF SURFACE TRANSPORT (SHRI RAJESH PILOT): (a) A statement indicating the requisite information is attached. [*See* Appendix CXLIX, Annexure No. 128.]

Scrapping of Special Powers of Vice-Chancellors of Central Universities

2252. DR. MOHD. HASHIM KIDWAI: Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) what is the number of occasions when special powers have been exercised by Vice-Chancellors of Central Universities during academic sessions 1986-87, 1987-88 and the current academic year;

(b) what is the justification therefor; and

(c) whether Government have any proposal under their consideration for scrapping these powers in order to ensure democratisation of Universities?

THE MINISTER OF STATE IN THE DEPARTMENTS OF EDUCATION AND CULTURE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI L. P. SHAHI): (a) and (b) The information is being collected and will be laid on the Table of the House.

(c) No, Sir.

Intrusions by China into Indian Territory after 1962

2253. SHRI ASHWANI KUMAR:

SHRI LAL K. ADVANI:

Will the Minister of EXTERNAL AFFAIRS be pleased to state:

(a) whether there have been intrusions into Indian territory by China after 1962; if so, where, when and the areas affected each time;

(b) whether the Prime Minister during his recent visit to China, had expressed India's concern on these intrusions;

(c) what are the reasons for not insisting that China reciprocally accept the areas under new intrusions, as Indian territory and vacate them as a first step in the 'time-frame' agreed to solve the border problem while India announced its acceptance of Tibet as China's internal affairs; and

(d) what is the position of China's troops intrusions in Arunachal Pradesh and what steps are contemplated to have it vacated?

THE MINISTER OF STATE IN THE MINISTRY OF EXTERNAL AFFAIRS (SHRI K. NATWAR SINGH): (a) Since the conflict of 1962, there have been no Chinese encroachments West of the Line of Actual Control in the Western Sector, and in the Middle Sector. In the Eastern Sector, a Chinese presence was noticed in the Sumdorong Chu Valley of the Tawang District of Arunachal Pradesh in June 1986.

(b) During the Prime Minister's visit to China in December 1988, the need for both sides to prevent incidents in the border areas and to devise a practical mechanism for maintenance of peace and tranquility in the border areas was emphasised by the Indian side. It was ag-